

Converting Colors

Hex(60DCF0)

Have a look what the booklet for
Hex(60DCF0) contains.

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Color

Hex(60DCF0)

Conversions

Conversions Part 1

Format	Color
Hex	60DCF0
RGB	96, 220, 240
RGB Percent	38%, 86%, 94%
CMY	0.6235, 0.1373, 0.0588
CMYK	0.60, 0.08, 0.00, 0.06
HSL	188°, 83%, 66%
HSV	188°, 60%, 94%
XYZ	46.1452, 59.9645, 91.5803
YIQ	185.2040, -80.3240, -20.0680

Conversions

Conversions Part 2

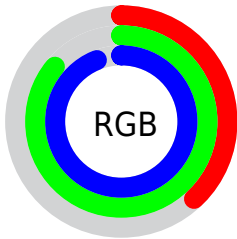
Format	Color
RYB	96, 163, 240
Decimal	6348016
CIELab	81.82, -28.66, -20.14
CIELCh	82, 35.024, 215.094
Yxy	59.9645, 0.2334, 0.3033
Android (android.graphics.Color)	4284538096 (0xFF60DCF0)
YUV	185.2040, 27.0144, -78.2319
Hunter-Lab	77.4367, -29.1445, -15.9134

Details

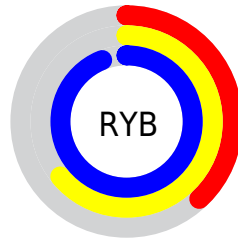
The Hex color **60DCF0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F07460**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9FFFFFF**, and **00A5B8** is the 20% darker color. If you saturate the color by 10%, you get **48D9F0**, and if you desaturate by 10%, it is **78DFF0**.

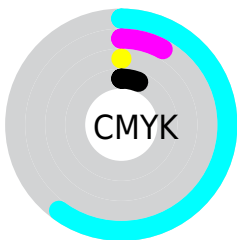
Distribution



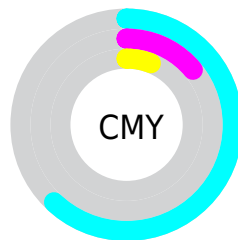
- Red (38%)
- Green (86%)
- Blue (94%)



- Red (38%)
- Yellow (64%)
- Blue (94%)



- Cyan (60%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (62%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60DCF0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 60DCF0 by changing the saturation by 10% instead.

 60DCF0

 60DCF0

FFFFFF

 3CC0D4

 9FFFFFF

 00A5B8

 BDFFFF

 008A9D

 DCFFFF

 007083

 FAFFFF

 00576A

 004052

 00293A

 000E25

 00010E

 60DCF0

 60DCF0

 48D9F0

 78DFF0

 30D5F0

 90E3F0

 18D2F0

 A8E6F0

 00CFF0

 C0E9F0

 D8EDF0

 F0F0F0

 FFF3F0

 FFF7F0

 FFFAF0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6FDED0



60DCF0



79D6FF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60DCF0



FAB7E8



DDCB8A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60DCF0



F07460

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FAC091



60DCF0



FFB3C7

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60DCF0



D7C1FF



FFB7A7



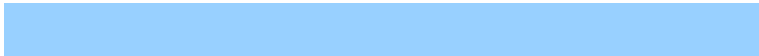
B9D595

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60DCF0



98D0FF



FFB7A7



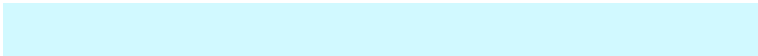
E7C78A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60DCF0



D1F9FF



60F073



637C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60DCF0



47E6FF



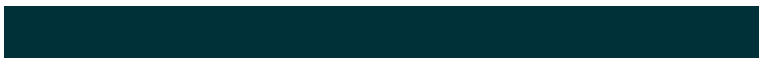
6095F0



6C7678



009EB8



003038

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F060DC



FF47E5



F0BB60



786C76



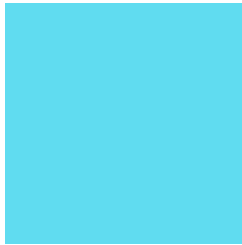
B8009E



380030

Previews

White Background



This preview shows how the Hex color 60DCF0 looks on a white background.

Color Contrast Check

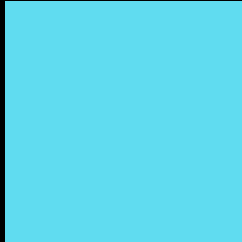
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 60DCF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 60DCF0 Background



This preview shows how black text looks on a background with the Hex color 60DCF0.

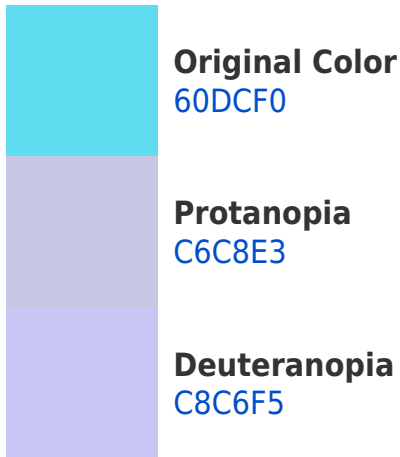


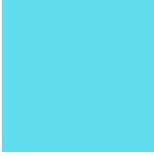
This preview shows how white text looks on a background with the Hex color 60DCF0.

Color Blindness Simulation

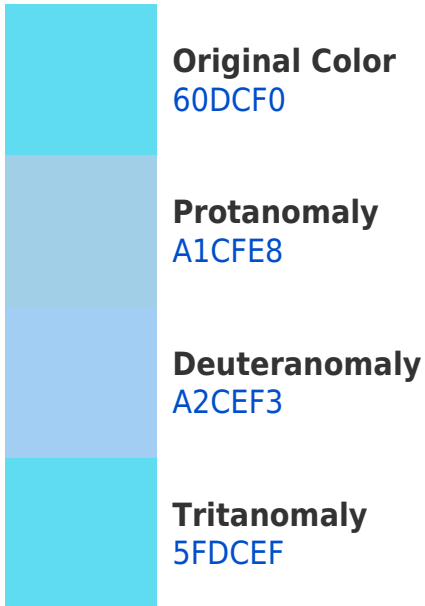
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60DCF0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #60DCF0 looks like.

```
.text, #text, p{  
    color:#60DCF0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #60DCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60DCF0
}
```

Border

The CSS property to change the border of an element to Hex 60DCF0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60DCF0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#60DCF0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #60DCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60DCF0; -webkit-box-shadow:4px 4px  
4px 4px #60DCF0; box-shadow:4px 4px 4px  
4px #60DCF0 }
```

Background

The CSS property to change the background color of an element to Hex 60DCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60DCF0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#60DCF0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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